

# Strengthening hospital level paediatric HIV care in Johannesburg: a quality improvement strategy

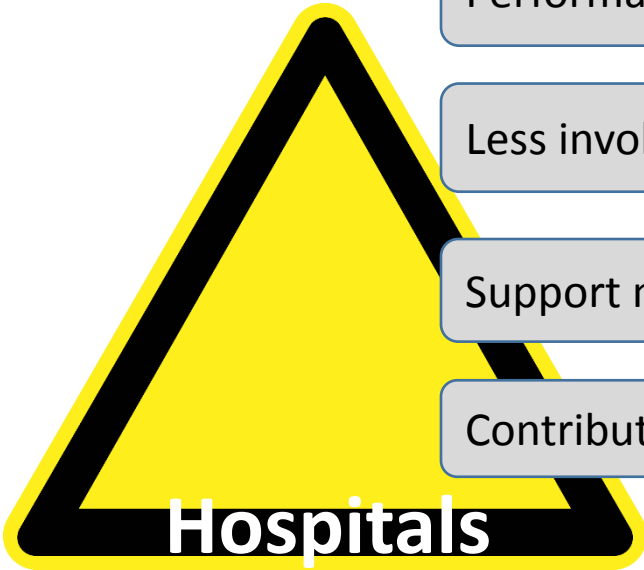
*Best Practices and Innovations Meeting  
2<sup>nd</sup> November 2017*

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on behalf of  
Paediatric and Adolescent Scale-up Project Team members  
Dr Jackie Dunlop (Right to Care) and Ms Dolly Sekwakwa (Wits RHI)

# Background

- Johannesburg's Paediatric and Adolescent Scale-up Project
  - DoH and Partner collaboration
  - Supporting 909090 in children and adolescents



Performance has a significant impact on District performance

Less involved in routine District/sub-district activities

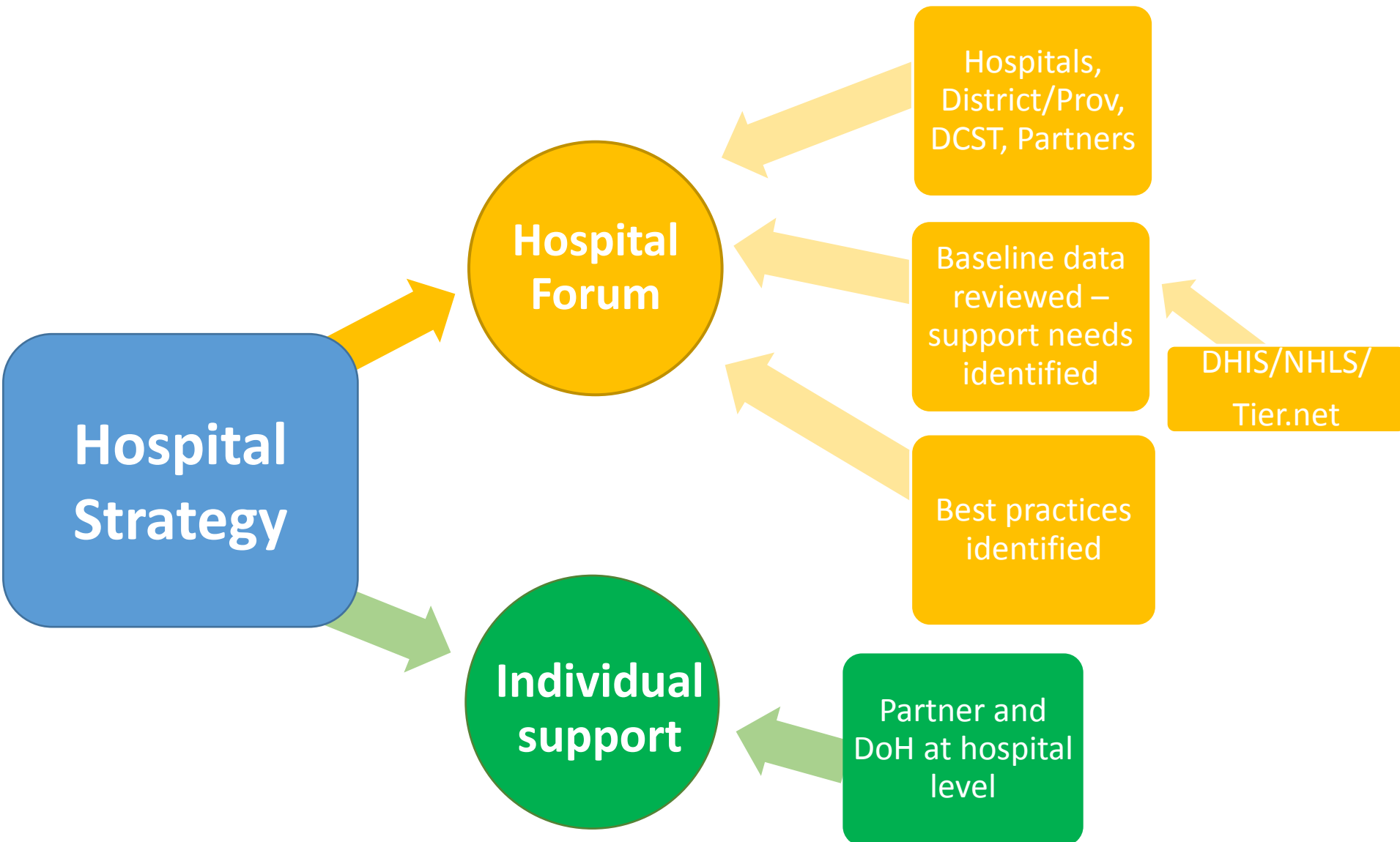
Support more focussed on PHC level

Contributing to paediatric programme gaps

**Hospitals**

**Implemented a Hospital  
Strategy in Johannesburg**

# Data Methods



# Data Methods

## Hospital Strategy

Hospital  
Forum

Forum meetings structured around different programme areas and topics

- Data
- Current practice
- Best practices
- Action steps

### Follow-up

- In-between meetings
- Progress reviewed at subsequent meeting

Individual  
support

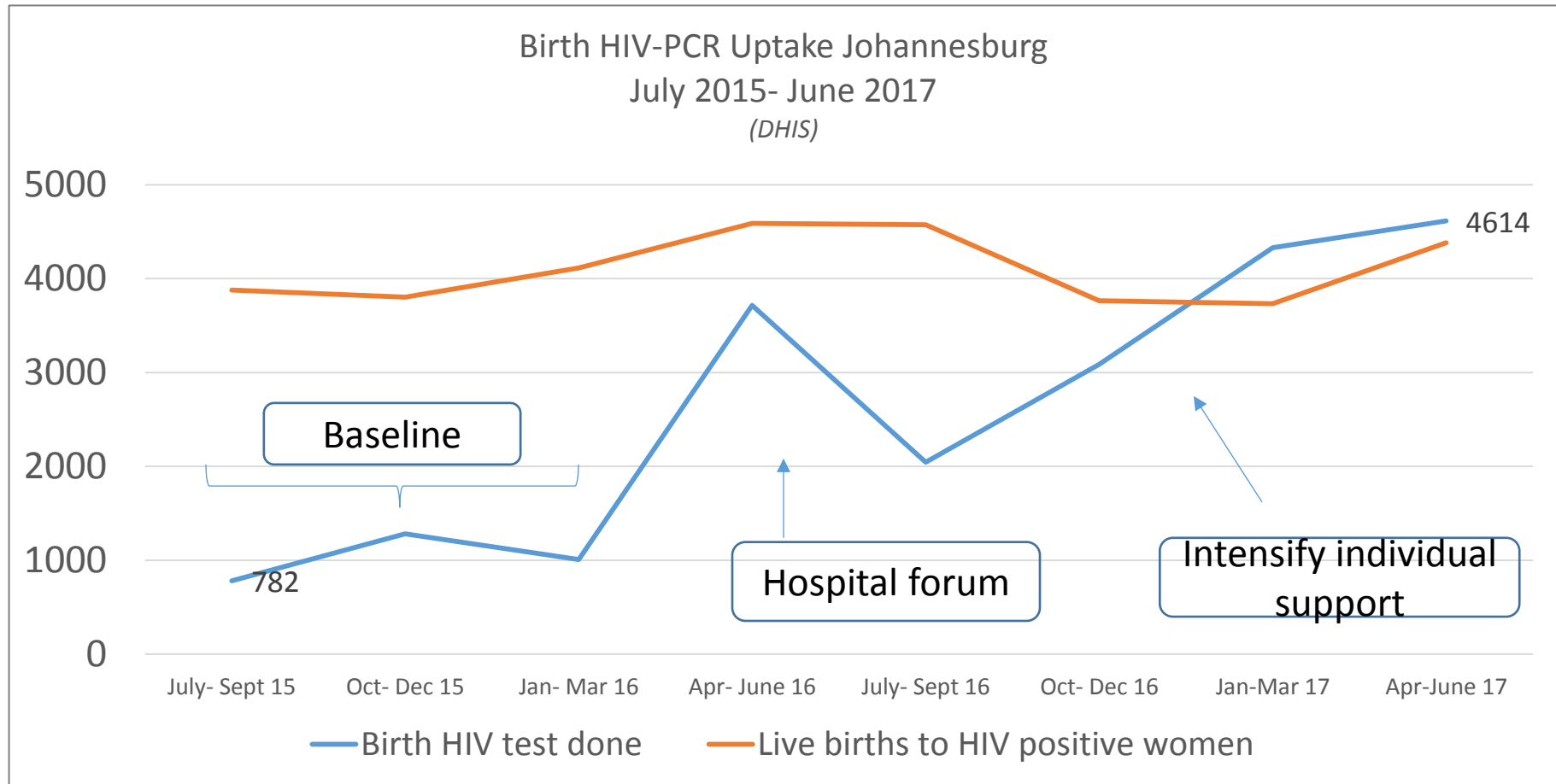
### Measures

- Birth testing
- Linkage to care
- Use of Tier.net
- Testing older children
- Hospital report backs

# Key Results

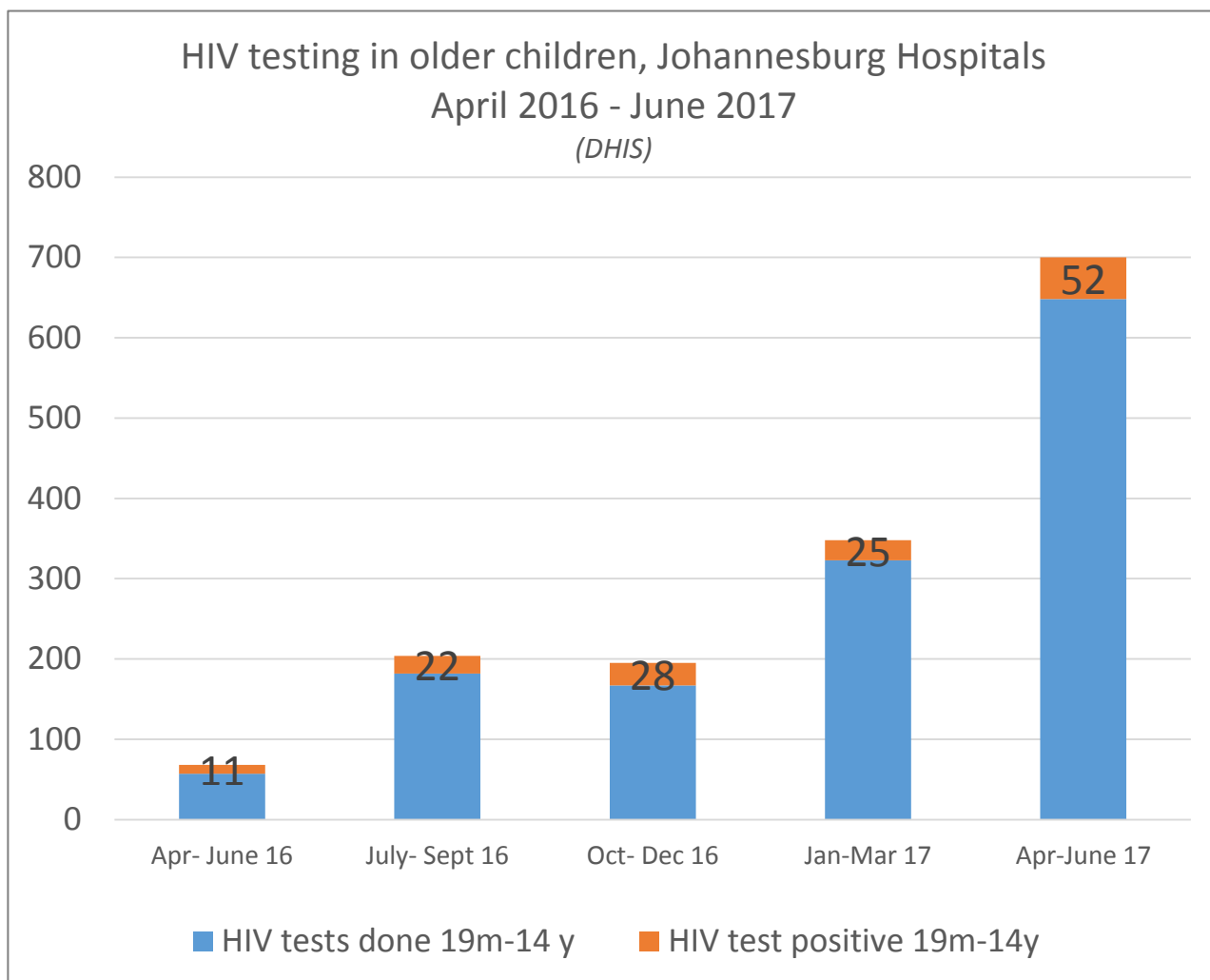
Area	Outcome
Gaps identified at hospitals	<ul style="list-style-type: none"><li>• Birth HIV-PCR: uptake, recording/reporting</li><li>• HIV-PCR positive infants: linkage to care</li><li>• Older children: Testing and treatment, including recording and reporting</li></ul>
Forum	Created platform for engagement and follow-up
Forum meetings	3 meetings – June, July, September 16 Additional - July 17 Good representation
Data management	Identified as main improvement area Increased understanding around these

# Key Results: Birth testing



**Birth HIV-PCR reported uptake improved from 20.2% to 105.3%**

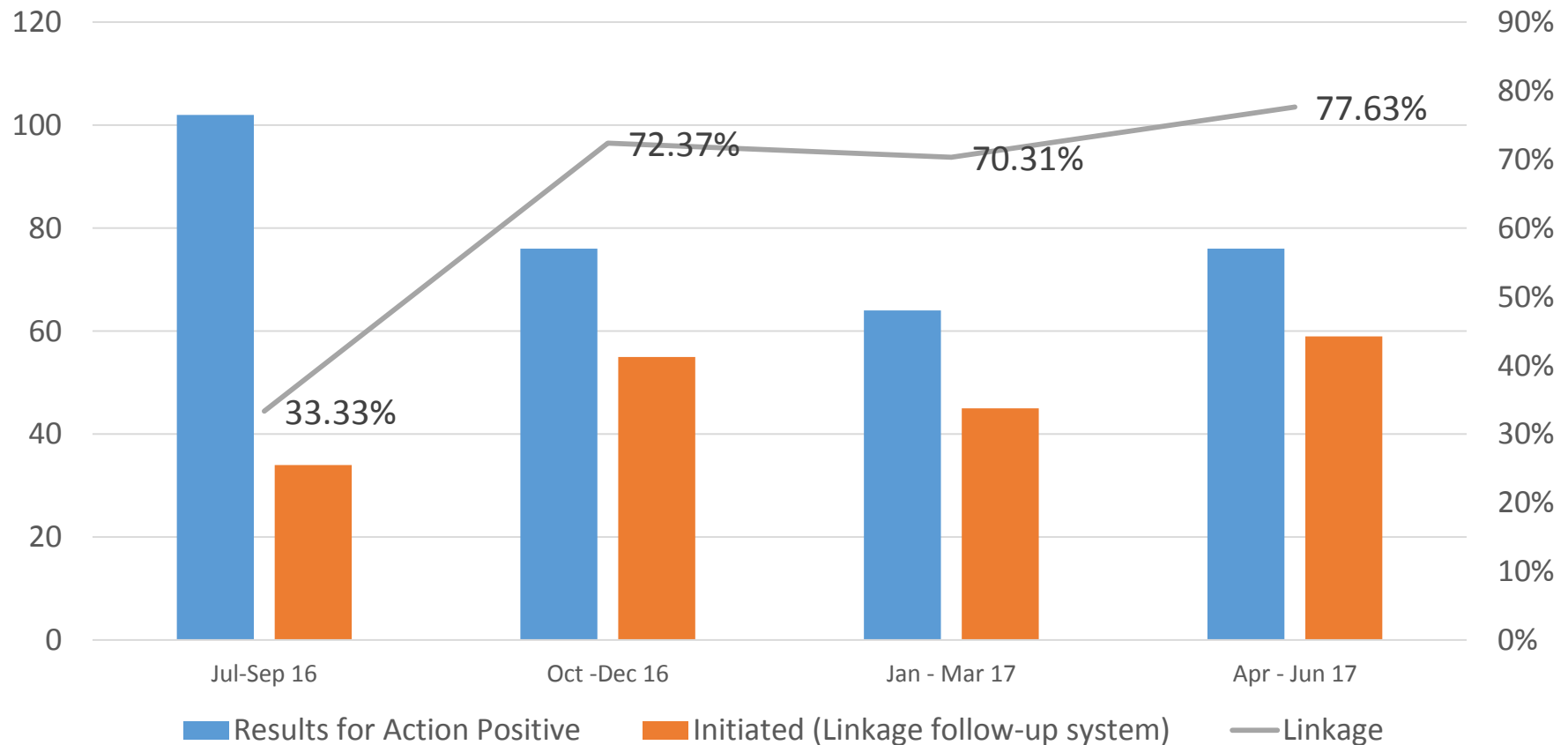
# Key Results: Testing in older children



- **HIV testing reported:**  
Increased from 57 to 648/quarter  
(> 10 X increase)
- **HIV test positive reported:**  
Increased from 11 to 52/quarter  
(5X increase)

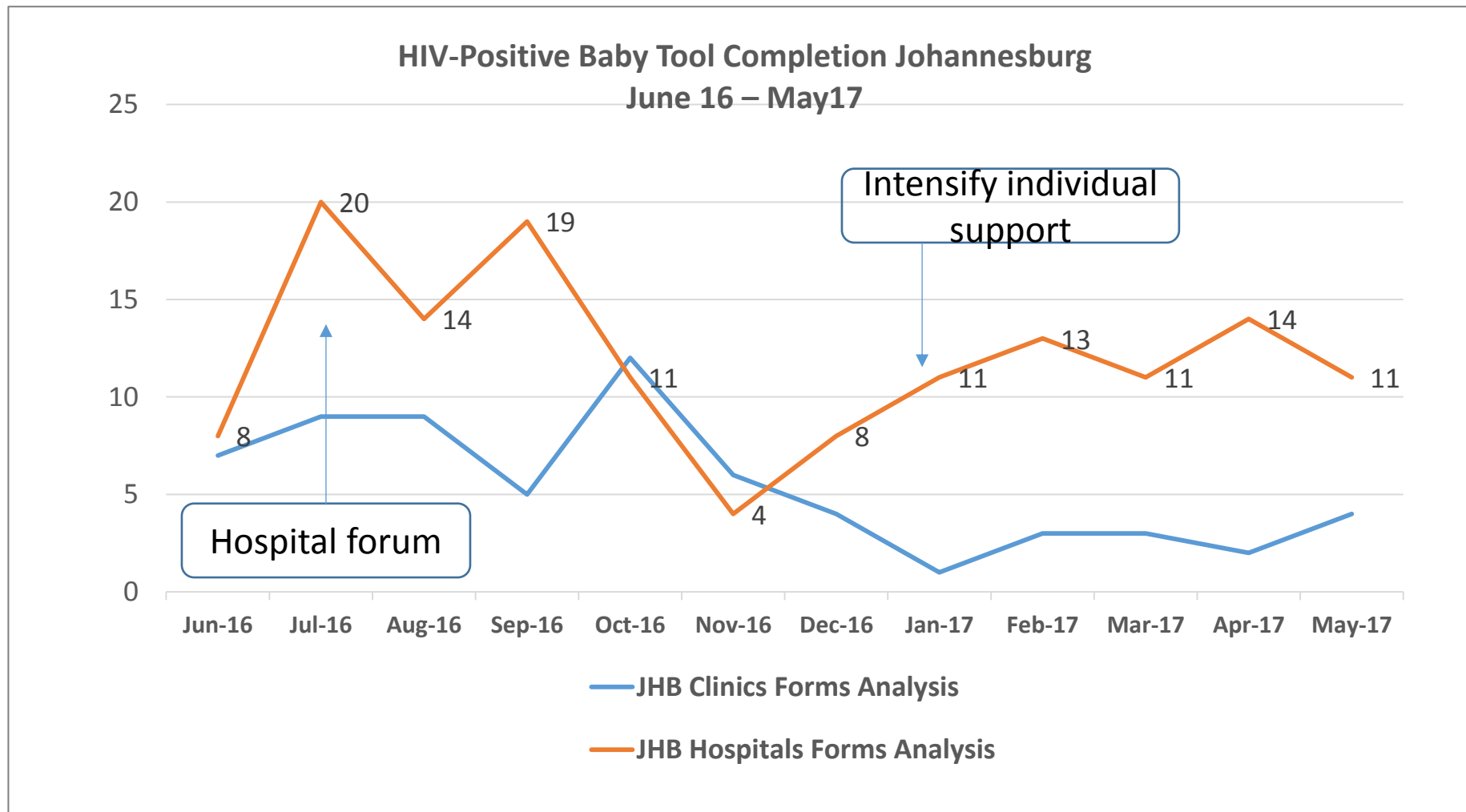
# Key Results: Linkage to care

Hospital HIV-PCR Linkage support Johannesburg  
July 2016 - March 2017  
(NHLS, Project data)





# Key Results: HIV-positive Baby Tool



# Conclusions and Recommendations

## Successfully created platform

- For engagement and improvement activities with role-players

## Data review

- Prior to and during the process focussed solutions on major problem areas

## QI approach

- Including presentation of current best practices, made the solutions specific and achievable

## Hospital level support and champion

- Very important to continue momentum

## Data management

- Major gap identified

# Conclusions and Recommendations

## Adaptable

- Existing teams from partners and DoH created forum

## Maintain improvements

- Ongoing engagements and hospital level support needed

## Recommendations

- Implement in other Districts who are experiencing similar gaps

# Take away messages

- Hospitals are not always supported in the way that PHC facilities are, and less involved in routine District or programme engagements
- Data management particularly can be an area for improvement at hospital level – improvement at hospitals can have a significant effect on District performance
- A Hospital Strategy, consisting of forum meetings plus individual support can be successful to bring about improvement

# Acknowledgements

- DoH and Partner collaborators
- Implementing team members
- Dr Mabitsi and Prof Peters